

PUBLICATIONS LBTNR

Les agents BioWooEB sont soulignés

[20] Liengprayoon S, Vaysse L, Saowalak J, Wadeesirisak K, Chaiyut J, Srisomboon S, Musigamart N, Rattanaporn K, Char C, Bonfils F, Bottier C (xxxx) Distribution of the non-isoprene components in the four Hevea brasiliensis latex centrifugation fractions. Accepté dans *J Rubber Res*

[19] Srisomboon S, Wadeesirisak K, Vaysse L, Sainte-Beuve J, Musigamart N, Liengprayoon S, Bonfils F, Rattanaporn K, Bottier C (2021) Optimization of a protein extraction method from natural rubber sheets made of Hevea brasiliensis latex. *J Rubber Res* 24:27–39.
<https://doi.org/10.1007/s42464-020-00069-1>

[18] Alvarado K, Durand E, Vaysse L, Liengprayoon S, Gallet S, Coudray C, Casas F, Feillet-Coudray C (2021) Potential beneficial effects of furan fatty acids, bioactive food lipids. *Cah Nutr Diet* 56(2):117–125. <https://doi.org/10.1016/j.cnd.2021.01.006>

[17] Chotiphan R, Vaysse L, Lacote R, Gohet E, Thaler P, Sajjaphan K, Bottier C, Char C, Liengprayoon S, Gay F (2019) Can fertilization be a driver of rubber plantation intensification ? *Ind Crop Prod* 141(June):111813. <https://doi.org/10.1016/j.indcrop.2019.111813>

[16] Bottier C, Gross B, Wadeesirisak K, Srisomboon S, Jantarasunthorn S, Musigamart N, Roytrakul S, Liengprayoon S, Vaysse L, Kunemann P, Vallat M-F, Mougin K (2019) Rapid evolution of biochemical and physicochemical indicators of ammonia-stabilized Hevea latex during the first twelve days of storage. *Colloids Surfaces A Physicochem Eng Asp* 570:487–498. <https://doi.org/10.1016/j.colsurfa.2019.03.028>

[15] Salomez M, Subileau M, Vallaey T, Santoni S, Bonfils F, Sainte-Beuve J, Intapun J, Granet F, Vaysse L, Dubreucq (2018) Microbial communities in natural rubber coagula during maturation: impacts on technological properties of dry natural rubber. *J Appl Microbiol* 124(2):444–456.

<https://doi.org/10.1111/jam.13661>

[14] Wadeesirisak K, Castano S, Berthelot K, Vaysse L, Bonfils F, Peruch F, Rattanaporn K, Liengprayoon S, Lecomte S, Bottier C (2017) Rubber particle proteins REF1 and SRPP1 interact differently with native lipids extracted from Hevea brasiliensis latex. *Biochim Biophys Acta - Biomembr* 1859(2):201–210. <https://doi.org/10.1016/j.bbamem.2016.11.010>

[13] Liengprayoon S, Chelbi K, Dubascoux S, Char C, Vaysse L, Dubreucq E, Sainte Beuve J, Siroth K, Bonfils F (2017) Mesostructure characterization by asymmetrical flow field-flow fractionation of natural rubber samples from different Hevea brasiliensis genotypes. *Ind Crops Prod* 109(June):936–943. <https://doi.org/10.1016/j.indcrop.2017.09.062>

[12] Wisunthorn S, Chambon B, Sainte-Beuve J, Vaysse L (2015) Natural rubber quality starts at the smallholdings : farmers' cup coagulum production in Southern Thailand. *J Rubb Res* 18(2):87–98

[11] Thepchaler C, Vaysse L, Wisunthorn S, Kiatkamjornwong S, Nakason C, Bonfils F (2015) The stability of lutoids in hevea brasiliensis latex influences the storage hardening of natural rubber. *J Rubber Res* 18(1):17–26

[10] Rolere S, Liengprayoon S, Vaysse L, Sainte-Beuve J, Bonfils F (2015) Investigating natural rubber composition with Fourier Transform Infrared (FT-IR) spectroscopy: A rapid and non-destructive method to determine both protein and lipid contents simultaneously. *Polym Test* 43:83–93. <https://doi.org/10.1016/j.polymertesting.2015.02.011>

[9] Salomez M, Subileau M, Intapun J, Bonfils F, Sainte-Beuve J, Vaysse L, Dubreucq E (2014) Micro-organisms in latex and natural rubber coagula of Hevea brasiliensis and their impact on rubber composition, structure and properties. *J Appl Microbiol* 117(4):921–929. <https://doi.org/10.1111/jam.12556>

[8] Liengprayoon S, Chaiyut J, Sriroth K, Bonfils F, Sainte-Beuve J, Dubreucq E, Vaysse L (2013) Lipid compositions of latex and sheet rubber from Hevea brasiliensis depend on clonal origin. *Eur J Lipid Sci Tech* 115(9):1021–1031. <https://doi.org/10.1002/ejlt.201300023>

[7] Wisunthorn S, Liengprayoon S, Vaysse L, Sainte Beuve J, Bonfils F (2012) SEC-MALS Study of Dynamic Structuring of Natural Rubber: comparative study of two Hevea Brasiliensis genotypes. *J Appl Polym Sci* 124:1570–1577

[6] Dubascoux S, Thepchaler C, Dubreucq E, Wisunthorn S, Vaysse L, Kiatkamjornwong S, Nakason C, Bonfils F (2012) Comparative study of the mesostructure of natural and synthetic polyisoprene by size exclusion chromatography-multi-angle light scattering and asymmetrical flow field flow fractionation-multi-angle light scattering. *J Chromatogr A* 1224:27–34.

<https://doi.org/10.1016/j.chroma.2011.12.010>

[5] Liengprayoon S, Bonfils F, Sainte-Beuve J, Sriroth K, Dubreucq E, Vaysse L (2008) Development of a new procedure for lipid extraction from Hevea brasiliensis natural rubber. *Eur J Lipid Sci Tech* 110(6):563–569. <https://doi.org/10.1002/ejlt.200700287>

[4] Intapun J, Bonfils F, Tanrattanakul V, Dubreucq E, Vaysse L (2010) Effect of Microorganisms During the Initial Coagulum Maturation of Hevea Natural Rubber. *J Appl Polym Sci*. <https://doi.org/10.1002/app>

[3] Rodphukdeekul S, Liengprayoon S, Santisopasri V, Sriroth K, Bonfils F, Dubreucq E, Vaysse L (2008) Effects of smoking on lipid content, macromolecular structure and rheological properties of Hevea brasiliensis sheet rubber. *Kasetsart J - Nat Sci* 42(2):306–314

[2] Liengprayoon S, Sriroth K, Dubreucq E, Vaysse L (2011) Glycolipid composition of Hevea brasiliensis latex. *Phytochem* 72(14–15):1902–13. <https://doi.org/10.1016/j.phytochem.2011.04.023>

[1] Intapun J, Sainte-Beuve J, Bonfils F, Tanrattanakul V, Dubreucq E, Vaysse L (2009) Characterisation of natural rubber cup coagula maturation conditions and consequences on dry rubber properties. *J Rubber Res* 12(4):171–184